

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IT2004/000650

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B65H67/02 B65H49/20 B65H65/00 B65H69/06 D02J1/08  
D02J1/16 D02G3/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65H D02J D02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 411 014 A (GIUDICI S.P.A) 21 April 2004 (2004-04-21)  the whole document	1-5,7, 9-13, 19-21, 26-32, 37-40,45
A	US 4 829 757 A (CANTON ET AL) 16 May 1989 (1989-05-16) column 10, line 18 - line 45; figure 12	1,26
A	DE 43 25 993 A1 (SIPRA PATENTENTWICKLUNGS- UND BETEILIGUNGSGESELLSCHAFT MBH, 72461 ALBS) 10 February 1994 (1994-02-10) column 2, line 26 - line 36; figures  -/--	1,26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

04/04/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 03/042437 A (GUIDICI S.P.A; GUIDICI, DOMENICO; GIUDICI S.P.A; GIUDICI, DOMENICO) 22 May 2003 (2003-05-22) the whole document</p> <p>-----</p>	1,26

# INTERNATIONAL SEARCH REPORT

Information on patent family members

In International Application No  
PCT/IT2004/000650

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1411014	A	21-04-2004	EP 1411014 A1	21-04-2004
			WO 2004035446 A1	29-04-2004
US 4829757	A	16-05-1989	IT 1198167 B	21-12-1988
			IT 1223114 B	12-09-1990
			DE 3789006 D1	17-03-1994
			DE 3789006 T2	01-09-1994
			EP 0269184 A2	01-06-1988
			ES 2048732 T3	01-04-1994
			IL 84579 A	17-09-1990
			JP 63219640 A	13-09-1988
			KR 9008261 B1	10-11-1990
			RU 2015219 C1	30-06-1994
DE 4325993	A1	10-02-1994	SE 508660 C2	26-10-1998
			SE 9202284 A	05-02-1994
WO 03042437	A	22-05-2003	IT MI20010600 U1	14-05-2003
			EP 1448819 A2	25-08-2004
			WO 03042437 A2	22-05-2003